



PATENT

Our Docket: P-UW 4979

#12/B
TECH CENTER 1600/2900
DEC 10 2002
RECEIVED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
Loeb et al.)
Serial No.: 09/972,834)
Filed: October 4, 2001)
For: THERMOSTABLE POLYMERASES)
HAVING ALTERED FIDELITY)
AND METHODS OF IDENTIFYING)
AND USING SAME)

Group Art Unit: 1637

Examiner: J. Fredman

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Commissioner for Patents
Washington, D.C. 20231

Sir:

RESPONSE TO RESTRICTION REQUIREMENT

Responsive to the Restriction Requirement mailed
July 23, 2002, entry of the following amendments and
consideration of the following remarks are respectfully
requested.

AMENDMENTS

✓
Please cancel claims 1-20.

Please add the following new claims.

B' 51. (New) A composition comprising a thermostable
polymerase mutant comprising one or more mutated amino acid
residues in the O-helix of a parent thermostable polymerase, said
polymerase mutant having polymerase activity and higher fidelity

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02 FC:1202
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